

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|---------------------|
| L1 | 63 | ("20030100886" "3682544" "4030505" "4894057" "5112310" "5180366" "5267960" "5275597" "5275610" "5415637" "5429144" "5456667" "5464395" "5562922" "5655548" "5690643" "5733325" "5755682" "5810836" "5855563" "5954745" "5971993" "5980548" "6027518" "6045565" "6200280" "6217554" "6302870" "6306163" "6602241").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/05/07 07:06 |
| L14 | 294 | (US-20040087996-\$ or US-20010001833-\$ or US-20010031981-\$ or US-20020002370-\$ or US-20020072745-\$ or US-20020138096-\$ or US-20020151906-\$ or US-20020151915-\$ or US-20030050637-\$ or US-20030055444-\$ or US-20030055445-\$ or US-20030060820-\$ or US-20030125726-\$ or US-20030195510-\$ or US-20040054368-\$ or US-20040082962-\$ or US-20040092915-\$ or US-20050131455-\$ or US-20050154404-\$ or US-20050165378-\$ or US-20050165391-\$ or US-20050267458-\$ or US-20060084966-\$ or US-20060116752-\$ or US-20060229700-\$ or US-20060253129-\$).did. or (US-20070073313-\$ or US-20070293853-\$ or US-20070293856-\$ or US-20080039930-\$ or US-20020165554-\$ or US-20030050694-\$ or US-20030167062-\$ or US- | US-PGPUB; USPAT | AND | ON | 2008/05/07 07:09 |

20050131514-\$ or US-
20050203614-\$ or US-
20050203615-\$ or US-
20050203617-\$ or US-
20060188408-\$ or US-
20070027452-\$ or US-
20070067012-\$ or US-
20070073387-\$ or US-
20070093858-\$ or US-
20070191776-\$).did. or
(US-5293869-\$ or US-
6629987-\$ or US-
5217441-\$ or US-
5309910-\$ or US-
5336206-\$ or US-
5370625-\$ or US-
5509419-\$ or US-
5800443-\$ or US-
5871443-\$ or US-
5968017-\$ or US-
6052607-\$ or US-
6099533-\$ or US-
6163716-\$ or US-
6206870-\$ or US-
5318525-\$ or US-
5397304-\$ or US-
5545200-\$ or US-
6001095-\$ or US-
6004347-\$ or US-
4566467-\$ or US-
4781681-\$ or US-
4848367-\$ or US-
5024234-\$ or US-
5190046-\$ or US-
5201316-\$ or US-
5201757-\$).did. or (US-
5215105-\$ or US-
5312430-\$ or US-
5387235-\$ or US-
5411466-\$ or US-
5453090-\$ or US-
5464404-\$ or US-
5480423-\$ or US-
5522882-\$ or US-
5527336-\$ or US-
5540659-\$ or US-
5545209-\$ or US-
5549580-\$ or US-
5562618-\$ or US-
5575787-\$ or US-
5613945-\$ or US-
5628754-\$ or US-
5632729-\$ or US-
5632762-\$ or US-
5651785-\$ or US-

5651786-\$ or US-
5693088-\$ or US-
5693084-\$ or US-
5695498-\$ or US-
5702418-\$ or US-
5720776-\$ or US-
5743873-\$ or US-
5746745-\$).did. or (US-
5752971-\$ or US-
5755777-\$ or US-
5776141-\$ or US-
5782824-\$ or US-
5797953-\$ or US-
5800450-\$ or US-
5817102-\$ or US-
5824058-\$ or US-
5836951-\$ or US-
5843167-\$ or US-
5843150-\$ or US-
5849016-\$ or US-
5876448-\$ or US-
5876417-\$ or US-
5891091-\$ or US-
5895410-\$ or US-
5902334-\$ or US-
5908448-\$ or US-
5961546-\$ or US-
5968052-\$ or US-
5976154-\$ or US-
5984908-\$ or US-
5984944-\$ or US-
6010480-\$ or US-
6039744-\$ or US-
6048299-\$ or US-
6056719-\$).did. or (US-
6059759-\$ or US-
6059812-\$ or US-
6063100-\$ or US-
6113622-\$ or US-
6117157-\$ or US-
6117153-\$ or US-
6136006-\$ or US-
6143016-\$ or US-
6152933-\$ or US-
6183491-\$ or US-
6196996-\$ or US-
6217585-\$ or US-
6238402-\$ or US-
6251093-\$ or US-
6251132-\$ or US-
6287315-\$ or US-
6293920-\$ or US-
6296622-\$ or US-
6296639-\$ or US-
6319275-\$ or US-

6361547-\$ or US-
6375675-\$ or US-
6375676-\$ or US-
6379372-\$ or US-
6379374-\$ or US-
6401720-\$ or US-
6419291-\$.did. or (US-
6454775-\$ or US-
6514264-\$ or US-
6585715-\$ or US-
6595989-\$ or US-
6652515-\$ or US-
6656212-\$ or US-
6660014-\$ or US-
6663626-\$ or US-
6945977-\$ or US-
6964660-\$ or US-
6966908-\$ or US-
6994711-\$ or US-
6997925-\$ or US-
7125404-\$ or US-
7192430-\$ or US-
7276064-\$ or US-
7340307-\$ or US-
4617019-\$ or US-
5037401-\$ or US-
5443449-\$ or US-
5471982-\$ or US-
5474534-\$ or US-
5599310-\$ or US-
5626604-\$ or US-
5681288-\$ or US-
6027508-\$ or US-
6030364-\$.did. or (US-
6053905-\$ or US-
6152931-\$ or US-
6371965-\$ or US-
6387105-\$ or US-
6443965-\$ or US-
6451034-\$ or US-
6858034-\$ or US-
6887267-\$ or US-
4966148-\$ or US-
4615472-\$ or US-
5330466-\$ or US-
5527279-\$ or US-
5334185-\$ or US-
5472405-\$ or US-
5295492-\$ or US-
5361777-\$ or US-
5509900-\$ or US-
5667493-\$ or US-
5769821-\$ or US-
5882336-\$ or US-
5919170-\$ or US-

6006123-\$ or US-
6071263-\$ or US-
4862887-\$ or US-
4954129-\$ or US-
4955385-\$ or US-
5219335-\$).did. or (US-
5226889-\$ or US-
5247942-\$ or US-
5273527-\$ or US-
5300086-\$ or US-
5312427-\$ or US-
5329942-\$ or US-
5360432-\$ or US-
5415630-\$ or US-
5429597-\$ or US-
5450853-\$ or US-
5487757-\$ or US-
5489269-\$ or US-
5558093-\$ or US-
5649906-\$ or US-
5682897-\$ or US-
5690671-\$ or US-
5725546-\$ or US-
5733325-\$ or US-
5779699-\$ or US-
5865791-\$ or US-
5873835-\$ or US-
5882312-\$ or US-
5885275-\$ or US-
5891193-\$ or US-
5893867-\$ or US-
5935161-\$ or US-
5938616-\$).did. or (US-
5938609-\$ or US-
5954654-\$ or US-
5971933-\$ or US-
6002955-\$ or US-
6004280-\$ or US-
6022319-\$ or US-
6061588-\$ or US-
6066100-\$ or US-
6071281-\$ or US-
6077297-\$ or US-
6120496-\$ or US-
6139522-\$ or US-
6142994-\$ or US-
6152920-\$ or US-
6165195-\$ or US-
6165198-\$ or US-
6168623-\$ or US-
6187025-\$ or US-
6192271-\$ or US-
6221090-\$ or US-
6221098-\$ or US-
6228032-\$ or US-

| | | | | | | |
|-----|-----|---|---------------------------|-----|----|---------------------|
| | | 6248100-\$ or US- 4026302-\$ or US- 4140119-\$ or US- 4248234-\$ or US- 4285341-\$.did. or (US- 4287892-\$ or US- 4301797-\$ or US- 4317445-\$ or US- 4317459-\$ or US- 4318410-\$ or US- 4365639-\$ or US- 4401127-\$ or US- 4443214-\$ or US- 4445893-\$ or US- 4493708-\$ or US- 4517979-\$ or US- 4539998-\$ or US- 4616652-\$ or US- 4627436-\$ or US- 4628783-\$ or US- 4763654-\$ or US- 4769005-\$ or US- 4770653-\$ or US- 4791913-\$ or US- 4793359-\$ or US- 4795434-\$ or US- 4809713-\$ or US- 4811743-\$ or US- 4832024-\$ or US- 4842592-\$ or US- 4846171-\$ or US- 4846186-\$.did. or (US- 4846192-\$ or US- 4861331-\$ or US- 4863431-\$ or US- 4869248-\$ or US- 4869719-\$ or US- 4874371-\$ or US- 4874378-\$ or US- 4875897-\$ or US- 4886500-\$.did. | | | | |
| L15 | 626 | 604/105 | US-PGPUB; USPAT | AND | ON | 2008/05/07 07:18 |
| L16 | 11 | ("5112305" "5354271" "5354279" "5364356" "5419777" "5536250" "5591159" "5599306" "5681281" "5693029" "6102887").PN. | US-PGPUB; USPAT; USOCR | AND | ON | 2008/05/07 07:19 |

| | | | | | | |
|-----|-----|--|---------------------------|-----|----|---------------------|
| L17 | 16 | ("4245639" "4248235" "4327720" "5193533" "5275610" "5383856" "5437638" "5441485" "5501669" "5505702" "5522790" "5613950" "5669879" "5713853" "5776047" "6027519").PN. | US-PGPUB; USPAT; USOCR | AND | ON | 2008/05/07 07:21 |
| L18 | 81 | ("3173418" "3394705" "3938502" "4292974" "4323071" "4327721" "4406656" "4417576" "4437856" "4576177" "4661094" "4681564" "4693243" "4744790" "4762129" "4775371" "4776337" "4790315" "4841977" "4850358" "4850969" "4877031" "4892519" "4911163" "4917097" "4950232" "4976689" "4994033" "5000734" "5007897" "5009636" "5015232" "5019042" "5021044" "5034001" "5041089" "5046497" "5049132" "5087244" "5087247" "5092877" "5102390" "5102415" "5112303" "5112305" "5117831" "5163921" "5180364" "5180366" "5180368" "5192307" "5203338" "5213576" "5219326" "5219335" "5226888" "5242396" "5254089" "5257974" "5266073" "5279565" "5281200" "5282785" "5284473" "5295962" "5300085" "5306250" "5308356" "5318535" "5344401" "5358487" "5364356" "5370617" "5378237" "5395333" "5415637" "5425709" "5433706" "5439445").PN. | US-PGPUB; USPAT; USOCR | AND | ON | 2008/05/07 07:29 |
| L19 | 428 | 604/106 | US-PGPUB; USPAT; USOCR | AND | ON | 2008/05/07 07:38 |
| L20 | 528 | 604/107 | US-PGPUB; USPAT; USOCR | AND | ON | 2008/05/07 07:42 |

| | | | | | | |
|-----|------|--|---------------------------|-----|----|---------------------|
| L21 | 207 | 604/108 | US-PGPUB; USPAT; USOCR | AND | ON | 2008/05/07 07:44 |
| L22 | 166 | 604/109 | US-PGPUB; USPAT; USOCR | AND | ON | 2008/05/07 07:47 |
| L23 | 347 | 604/95.04 | US-PGPUB; USPAT; USOCR | AND | ON | 2008/05/07 07:57 |
| L24 | 824 | 604/528 | US-PGPUB; USPAT; USOCR | AND | ON | 2008/05/07 07:58 |
| L31 | 1732 | ("0102985" "0295276" "0373399" "0597988" "0659409" "0698447" "0827193" "0832201" "0833759" "0837085" "0862712" "0985865" "1433031" "2586553" "2816552" "2826193" "3105492" "3169529" "3173418" "3230957" "3301258" "3312222" "3326207" "3394705" "3455298" "3461877" "3472230" "3495586" "3496932" "3517128" "3557794" "3568659" "3593713" "3598119" "3613672" "3635223" "3680544" "3713175" "3734083" "3788326" "3799172" "3868956" "3896804" "3920021" "3938502" "3952747" "3996938" "4016886" "4030505" "4043338" "4048990" "4119102" "4130904" "4136695" "4154246" "4192293" "4214587" "4245639" "4248235" "4292974" "4300244" "4312364" "4315513" "4323071" "4327720" "4327721" "4332254" "4338942" "4346715" "4366819" "4368736" "4406656" "4417576" "4430083" "4437856" "4439185" "4444195" "4445509" "4464175" "4465072" "4468224" "4488877" "4494531" "4503569" "4512338" "4516972" "4522205" "4522212" "4534349" "4536893" | US-PGPUB; USPAT; USOCR | AND | ON | 2008/05/07 08:09 |

| | |
|------------|-----------|
| "4538662" | "4553545" |
| "4572186" | "4573473" |
| "4576177" | "4577631" |
| "4578061" | "4580568" |
| "4582181" | "4583969" |
| "4585000" | "4593687" |
| "4597755" | "4607637" |
| "4608965" | "4610662" |
| "4616652" | "4619246" |
| "4624257" | "4628937" |
| "4630611" | "4636195" |
| "4641649" | "4643184" |
| "4643186" | "4648402" |
| "4649922" | "4649924" |
| "4650466" | "4654028" |
| "4655771" | "4657019" |
| "4658836" | "4660571" |
| "4661094") | PN. OR |
| ("4662885" | "4664120" |
| "4679557" | "4681110" |
| "4681117" | "4681564" |
| "4690134" | "4690148" |
| "4690155" | "4692139" |
| "4693243" | "4699147" |
| "4699611" | "4705517" |
| "4706671" | "4709698" |
| "4718907" | "4723549" |
| "4731076" | "4733665" |
| "4737141" | "4739762" |
| "4740207" | "4744790" |
| "4748982" | "4762128" |
| "4762129" | "4765331" |
| "4768507" | "4771778" |
| "4775371" | "4776337" |
| "4776349" | "4781186" |
| "4784133" | "4787386" |
| "4790315" | "4790812" |
| "4793348" | "4793350" |
| "4794928" | "4794931" |
| "4800882" | "4807620" |
| "4807626" | "4808163" |
| "4813925" | "4823812" |
| "4824436" | "4830003" |
| "4841977" | "4850358" |
| "4850958" | "4850969" |
| "4856516" | "4862887" |
| "4869263" | "4869718" |
| "4873978" | "4874360" |
| "4877030" | "4877031" |
| "4878893" | "4878906" |
| "4882777" | "4885003" |
| "4886062" | "4887606" |
| "4887996" | "4890623" |
| "4892102" | "4892519" |
| "4893623" | "4894057" |

| | |
|------------|-----------|
| "4895561" | "4907336" |
| "4909789" | "4911163" |
| "4911689" | "4913141" |
| "4917087" | "4917090" |
| "4917091" | "4917097" |
| "4917103" | "4921484" |
| "4922905" | "4922926" |
| "4926858" | "4928695" |
| "4940064" | "4944088" |
| "4945912" | "4950227" |
| "4950232" | "4950258" |
| "4950277" | "4954126" |
| "4957470" | "4966597" |
| "4969458" | "4969890" |
| "4969891" | "4974162" |
| "4976689" | "4976710" |
| "4976711" | "4979510" |
| "4979948" | "4979951" |
| "4984581" | "4986814" |
| "4990134" | "4990155" |
| "4990156" | "4994032" |
| "4994033" | "4994069" |
| "4994071" | "4997435" |
| "4998539" | "5000185" |
| "5000734" | "5002560" |
| "5007434") | .PN. OR |
| ("5007897" | "5007926" |
| "5009636" | "5009659" |
| "5010886" | "5010894" |
| "5011472" | "5015232" |
| "5015253" | "5019042" |
| "5019085" | "5019090" |
| "5021044" | "5024234" |
| "5025786" | "5026377" |
| "5029585" | "5029588" |
| "5030201" | "5034001" |
| "5035694" | "5035706" |
| "5037383" | "5037392" |
| "5037427" | "5041089" |
| "5041093" | "5041126" |
| "5041973" | "5045056" |
| "5046497" | "5046503" |
| "5047028" | "5047040" |
| "5049132" | "5053008" |
| "5053044" | "5054492" |
| "5056517" | "5057106" |
| "5057107" | "5059211" |
| "5061275" | "5062829" |
| "5064435" | "5067489" |
| "5071407" | "5071424" |
| "5074871" | "5078717" |
| "5078726" | "5078736" |
| "5084065" | "5087244" |
| "5087247" | "5088979" |
| "5089005" | "5089006" |

| | |
|------------|-----------|
| "5092873" | "5092877" |
| "5098376" | "5098429" |
| "5098431" | "5100424" |
| "5100429" | "5102390" |
| "5102415" | "5102417" |
| "5104404" | "5106376" |
| "5108416" | "5112303" |
| "5112305" | "5112310" |
| "5115814" | "5116318" |
| "5116360" | "5116365" |
| "5117828" | "5117831" |
| "5122137" | "5122154" |
| "5123917" | "5133732" |
| "5133733" | "5135536" |
| "5147370" | "5147379" |
| "5147385" | "5152777" |
| "5156151" | "5156610" |
| "5156613" | "5156620" |
| "5160342" | "5161547" |
| "5163921" | "5163949" |
| "5163951" | "5163952" |
| "5163958" | "5169381" |
| "5169387" | "5171262" |
| "5176648" | "5180364" |
| "5180366" | "5180368" |
| "5181911" | "5188602" |
| "5190058" | "5190517" |
| "5190561" | "5192297" |
| "5192307" | "5192311" |
| "5193533" | "5195968" |
| "5195984" | "5197971" |
| "5197978" | "5203338" |
| "5213576" | "5215103" |
| "5219326" | PN. OR |
| ("5219335" | "5221261" |
| "5222971" | "5226888" |
| "5226913" | "5232440" |
| "5234447" | "5242396" |
| "5242397" | "5242452" |
| "5254089" | "5255678" |
| "5255679" | "5256132" |
| "5256146" | "5257974" |
| "5263493" | "5266073" |
| "5267960" | "5275610" |
| "5279565" | "5281200" |
| "5281218" | "5282785" |
| "5282824" | "5282845" |
| "5284473" | "5286254" |
| "5290305" | "5293869" |
| "5295962" | "5300085" |
| "5304120" | "5306250" |
| "5308356" | "5311866" |
| "5314466" | "5318535" |
| "5324304" | "5324968" |
| "5329942" | "5330500" |

| | |
|------------|-----------|
| "5336178" | "5342348" |
| "5344401" | "5350398" |
| "5354271" | "5354279" |
| "5354308" | "5354309" |
| "5354310" | "5358487" |
| "5364356" | "5370617" |
| "5370657" | "5370677" |
| "5370678" | "5378237" |
| "5383856" | "5383887" |
| "5383917" | "5385528" |
| "5395333" | "5397339" |
| "5403312" | "5405322" |
| "5405346" | "5409000" |
| "5409460" | "5411025" |
| "5413586" | "5415630" |
| "5415637" | "5419777" |
| "5423815" | "5423851" |
| "5425709" | "5429144" |
| "5431649" | "5433706" |
| "5433723" | "5437638" |
| "5437664" | "5439445" |
| "5441485" | "5443449" |
| "5443497" | "5447529" |
| "5449381" | "5454809" |
| "5458596" | "5462545" |
| "5464395" | "5465717" |
| "5466221" | "5470309" |
| "5470314" | "5472441" |
| "5484391" | "5496345" |
| "5501669" | "5503635" |
| "5505702" | "5505730" |
| "5509900" | "5514130" |
| "5514153" | "5522790" |
| "5527280" | "5536250" |
| "5536267" | "5540679" |
| "5540711" | "5540713" |
| "5545161" | "5545214" |
| "5556396" | "5562922" |
| "5571074" | "5571086" |
| "5573517" | "5582580" |
| "5588951" | "5591159" |
| "5593418") | .PN. OR |
| ("5598848" | "5599306" |
| "5601581" | "5601589" |
| "5601590" | "5607443" |
| "5609574" | "5613950" |
| "5618287" | "5618301" |
| "5624381" | "5626578" |
| "5643178" | "5643257" |
| "5653240" | "5653726" |
| "5655548" | "5662671" |
| "5665117" | "5667479" |
| "5667520" | "5669879" |
| "5669934" | "5672174" |
| "5676636" | "5681281" |

| | |
|------------------------|-------------|
| "5683364" | "5683451" |
| "5685826" | "5690643" |
| "5690668" | "5690675" |
| "5693029" | "5694951" |
| "5695518" | "5695519" |
| "5696504" | "5702416" |
| "5702417" | "5707390" |
| "5709224" | "5713853" |
| "5713907" | "5716325" |
| "5716393" | "5723917" |
| "5725550" | "5728143" |
| "5730748" | "5730756" |
| "5733325" | "5746767" |
| "5749895" | "5755682" |
| "5755775" | "5769816" |
| "5776047" | "5779718" |
| "5800457" | "5800525" |
| "5810804" | "5810836" |
| "5814064" | "5817092" |
| "5824015" | "5827268" |
| "5836311" | "5843017" |
| "5855563" | "5860974" |
| "5863290" | "5868740" |
| "5868759" | "5868761" |
| "5882329" | "5910144" |
| "5931842" | "5931850" |
| "5934286" | "5938672" |
| "5938696" | "5944019" |
| "5944728" | "5944730" |
| "5944738" | "5944750" |
| "5954745" | "5954764" |
| "5957940" | "5968068" |
| "5968089" | "5971993" |
| "5972017" | "5976153" |
| "5976178" | "5976179" |
| "5978714" | "5980548" |
| "6004295" | "6027518" |
| "6027519" | "6045565" |
| "6102887" | "6200280" |
| "6217554" | "6302870" |
| "6306163" | |
| "B14323071" | |
| "Re33569" | "Re33911"). |
| PN. OR ("2003/0100886" | |
| "2004/0087996" | |
| "5034001" | "5180368" |
| "5193533" | "5275610" |
| "5279565" | "5312427" |
| "5415637" | "5419777" |
| "5456667" | "5471982" |
| "5713853" | "5713860" |
| "5713863" | "5733325" |
| "5954745" | "6033397" |
| "6200280" | "6217554" |
| "6217585" | "6283940" |

| | | | | | | |
|-----|------|--|---|-----|-----|---------------------|
| | | "6302870" "6306163" "6629987").URPN. | | | | |
| L32 | 2 | ("6629987").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/05/07 08:44 |
| L33 | 6 | ((("20030100886") or ("5456667") or ("5415637")).PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/05/07 08:52 |
| L34 | 22 | ("4493320" "4660571" "4664120" "4690155" "4699147" "5010894" "5156151" "5228442" "5231995" "5263493" "5293869" "5324284" "5370679" "5427119" "5471982" "5476495" "5482037" "5499981" "5582609" "5595183" "5607462" "5836947").PN. | US-PGPUB; USPAT; USOCR | AND | ON | 2008/05/07 09:38 |
| L35 | 246 | 604/532 | US-PGPUB; USPAT; USOCR | AND | ON | 2008/05/07 09:43 |
| L36 | 284 | 604/530 | US-PGPUB; USPAT; USOCR | AND | ON | 2008/05/07 09:46 |
| L37 | 189 | "604".clas. pull same wire rotate same tip | US-PGPUB; USPAT; USOCR | AND | ON | 2008/05/07 09:48 |
| L38 | 1337 | (606/192).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/05/07 10:17 |
| L39 | 2310 | (606/194).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/05/07 10:17 |

5/ 7/ 2008 10:27:29 AM

C:\ Documents and Settings\ckoharski\ My Documents\ EAST\ Workspaces\ 10-609053.wsp